Ratings Voltage: 60 V Current: 1 A Waterproof: IP 67

Operating Temperature Range -40 ~ 85 $^\circ\text{C}$

Materials

- Insulator: Nylon 66 + 30% glass fiber, black
 Sleeve: brass, gold-flashing
 Shell: brass, nickel plated (4)O-ring: rubber
- (5) Hexagonal nut: brass, nickel plated
 (6) O-ring: rubber

Electrical Requirements Dielectric strength: 1 min @ 500 Vac Insulation resistance: $10^8 \Omega$ min Contact resistance: $10 \text{ m}\Omega$ or less

Mechanical Requirements

Insertion force: 0.82 kgf max Withdrawal force: 0.62 kgf max Life cycle: 500 mating cycles

Environmental Requirements

Cold test: -25 °C for 2 hours without deformation Heat test: 85 °C for 16 hours while maintaining minimum 10⁸ Ω insulation resistance

Assembly info

Revision:

А

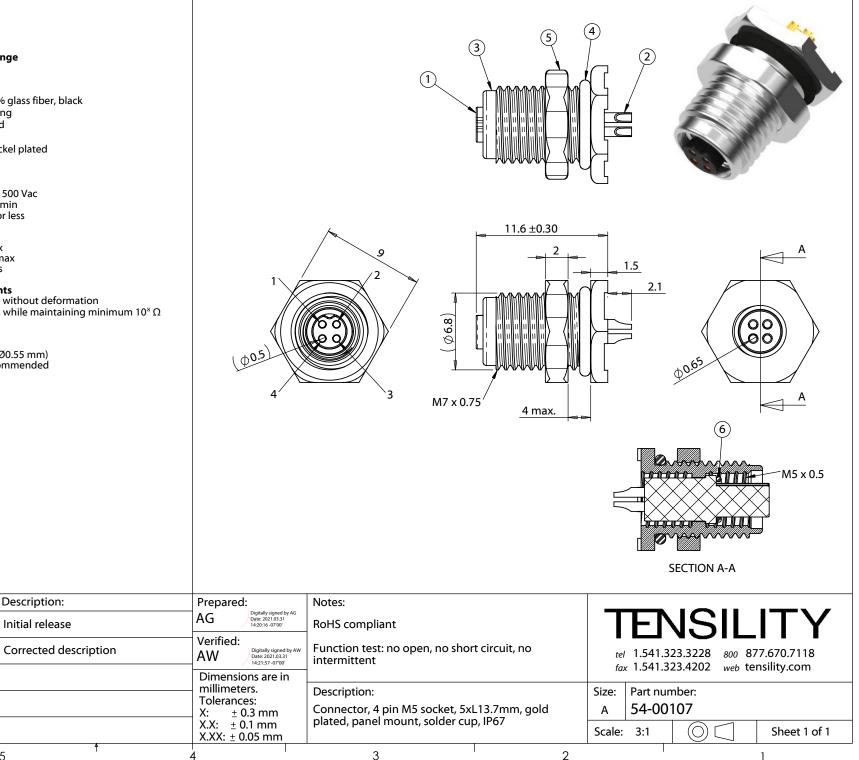
A1

Date:

8/7/2018

12/7/2018

Wire guage: 26 AWG max (Ø0.55 mm) Panel cutout: Ø7.1 mm recommended



5